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(54) Title: MR DEVICE PROVIDED WITH DIFFERENTLY OPTIMIZED RF COIL ARRAYS

(57) ~~Abstract~~—The present invention relates to an MR device for MR imaging as well as to an RF coil system for such an MR device. In order to enable switching to and fro between different applications in such an MR device without having to move the patient so as to position a new RF coil system, it is proposed in accordance with the invention to provide the RF coil system for the transmission and/or reception of RF signals with at least two RF coil arrays which are integrated in one coil former and have been optimized for different applications, each RF coil array comprising at least two RF coils which are decoupled from one another.

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